National Aeronautics and
Space Administration

Langley Research Center
Hampton, VA 23681-2199

Educational Product	
Educators	Adults

ET-2004-04-10-LARC

2004-2005
Satellite Schedule

All programs are broadcast 11:30 a.m. – 12 Noon ET.

Program 11 *(R)*
Episode 301
Tuesday, September 28, 2004

Program 16
Episode 401
Tuesday, October 26, 2004

Program 12 *(R)*
Episode 302
Tuesday, November 23, 2004

Program 13 *(R)*
Episode 303
Tuesday, December 28, 2004

Program 17
Episode 402
Tuesday, Jan. 25, 2005

Program 18
Episode 403
Tuesday, February 22, 2005

Program 14 *(R)*
Episode 304
Tuesday, March 29, 2005

Program 19
Episode 404
Tuesday, April 26, 2005

Program 15 *(R)*
Episode 305
Tuesday, May 31, 2005

Program 20
Episode 405
Tuesday, June 28, 2005

R) indicates a repeat program from the 2003-2004 season of NASA's Destination Tomorrow™

NASA's Destination Tomorrow™

CC NASA's Destination Tomorrow™ is a series of 30-minute educational programs that focus on NASA research— past, present, and future. Designed for lifelong learners, this Emmy®-award-winning series uses a five-segment magazine format. Each segment gives the audience an inside look at NASA and demonstrates how research and technology relate to our everyday lives. An associated web site provides summaries of stories and links to related program material.

http://destination.larc.nasa.gov
Visit the web site for satellite coordinates and more information.

NASA's Destination Tomorrow™ is produced by NASA Langley's Center for Distance Learning, located at NASA Langley Research Center in Hampton, Virginia.

NASA's Destination Tomorrow™ covers a wide variety of topics that give a real world view of NASA research. Each program includes a "Did you know?" segment that shares little known facts and figures.

Did you know?

Did you know that the first Mercury flight, Freedom 7, was not Alan Shepard's only flight into space? Shepard also commanded the Apollo14 flight on February 5, 1972, becoming the fifth man to walk on the Moon and also the oldest at age 47.

NASA's Destination Tomorrow™
Previous Episodes

2003-2004 Season

Program topics for the 2003-2004 season will be released closer to air dates. Please visit *http://destination.larc.nasa.gov* for the most up-to-date information.

Program 11 (Episode 301)
Topics: Solar Sail, Charters of Freedom, Spin Tunnel, Next Generation Launch Vehicle, How does GPS work?

Program 12 (Episode 302)
Topics: Special Century of Flight episode, Early Flight Pioneers, Wright Brothers, NACA History, Future Aircraft

Program 13 (Episode 303)
Topics: Mars Tumbleweed, Personal Satellite Assistant, How does a telescope work?

Program 14 (Episode 304)
Topics: Follow-Up Stories on the Mars Rover, Catalyst, ADHD

Program 15 (Episode 305)
Topics: Titan Mission, Aero Capture, Wind Shear, How do bulletproof vest/materials work?

2002-2003 Season

Program 6 (Episode 201)
Topics: Mars Rover, Child Presence Sensor, Maxime Faget and the Mercury Capsule Micro Vehicles, How does a flight simulator work?

Program 7 (Episode 202)
Topics: GIFTS., Ventricular Assist Device, Viking Mission, SAAP and Aviation Safety, How does virtual reality work?

Program 8 (Episode 203)
Topics: Misse (Materials International Space Station), Bladder Scanner, Wind Tunnel/Spin, Turbulence, How do lasers work?

Program 9 (Episode 204)
Topics: Helios, Breast Cancer Detection, Gemini Program, Quiet Aircraft, How do space suits work ?

Program 10 (Episode 205)
Topics: Auroras, Plane Parachutes, WWII Airfoils, CloudSat CALIPSO, How does air traffic control work?

2001-2002 Season

Program 1 (Episode 101)
Topics: Synthetic Vision, The Fetal Heart Rate Monitor, John Houbolt and Lunar Orbit-Rendezvous, Measuring Pollution with LIDAR, How does an airplane fly?

Program 2 (Episode 102)
Topics: Icing Research, Painless Dentistry, Richard Whitcomb and the "Area Rule" Concept, Morphing and bird-like airplanes, How do sensors work?

Program 3 (Episode 103)
Topics: Creating Microgravity on Earth, A treatment Option for ADHD, Dale Reed and "Lifting Bodies," Reducing Airport Traffic Delays, How does a helicopter fly?

Program 4 (Episode 104)
Topics: Hyper-X, Polyimide Foam and Nanotechnology, Francis Rogallo and the "Flexible Wing," Aircraft Landing Dynamics Facility, How does a wind tunnel work?

Program 5 (Episode 105)
Topics: Blended Wing Body, Intra-Cranial Monitor, Johnny Becker and the X-15, Impact Dynamics Research Facility, How does a jet engine work?

How can I get the television broadcast?

- The programs are up-linked in KU- and C-band satellite.
- NASA CONNECT™ programs air on PBS, NASA TV, Channel One, and on many Cable Access Channels.
- Programs can be viewed online.
- Video copies of the broadcast can be purchased from NASA CORE **http://core.nasa.gov,** or call toll free, 1-866-776-CORE.

See the Destination Tomorrow™ web site for more details
http://destination.larc.nasa.gov